TABLE X.—FEOM " STAHL UND EISEN," 1907, P. 231 (TABLE 7). Charge 2,460 kilogrammes ore, 820 kilogrammes limestone, on to which charged 20,580 kilogrammes pig iron.

| Ko. of Test, | Time Test Taken. | Minutes Start. | Metal. | | | | | Slag. | | | | | | Remarks, |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | Si | Mn | p | s | Fe | FeO | Fe-2O | Mn | Po O's | SiO-2 | |
| | | | Per cent. | Per cent. | Per cent. | Per cent. | Per cent. | Per cent. | Per cent. | Per cent. | Per cent. | Per cent. | Per cent | |
| 1 | 4-0 | ___ | 4-26 | 1-26 | 2-83 | 0-18 02 | 0- | ___ | ___ | ___ | ___ | — | — | Composition of pig iron. |
| | 4-15 | | 3-87 | 0-14 | 0-56 | 0-07 | 0-02 | 18-62 | 22-41 | 1-70 | 18-43 | 2-05! 25-20 | 2- | |
| 2 3 | 4-40 | 15 40 | 3-74 | 0-07 | 0-35 | 0-02 | 0-02 | 14-59 | 16-47 | 2-54 | 17-80 | 35 70 | 24- | 820 kilogrammes ore added. |
| 4 | 5-45 | 105 | 3-14 | 0-05 | 0-35 | 0-0] | 0-02 | 22-06 | 25-00! 3-73 | | 14-59 | 213. 65 | 21- | 820 „ „ „ |
| 5 | 6-55 | 175 | 1-91 | 0-05 | 0-35 | 0-01 | 0-04 | 13-64 | 16-00 | 1-70 | 13-06 | l-73i 20 | 22- | 410 |
| 6 | 7-20 | 200 | 1-25 | 0'04 | 0'42 | 0-03 | 0-04 | 121 0 | 14-02 | 1-70 | 12-74 | 1-671 23-75 | | 410 „ „ |
| 7 | 7-40 | 220 | 0-71 | 0-02 | 0-42 | 0-0,5 | 0-08 | 10-67 | 12-51 | 1-34 | 12-43 | 1-53 | 24-30 | |
| 8 | 9'0 | 300 | 0-05 | 0* 01 | 0-56 | 0-05 | 0-06 | — | — | — | — | — | | Test before casting, |

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